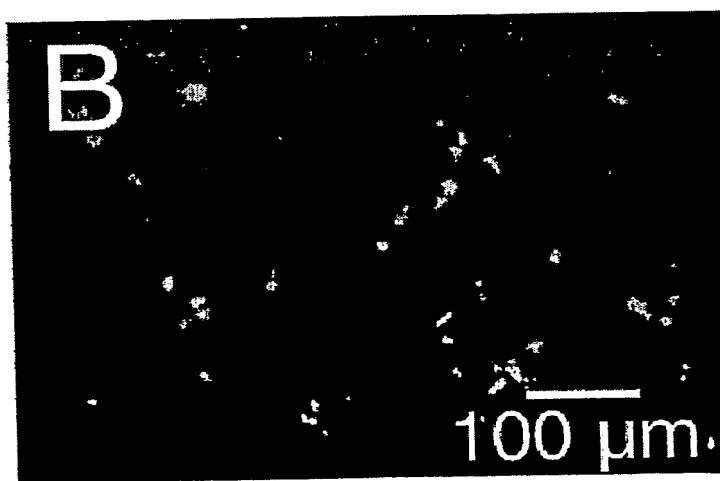
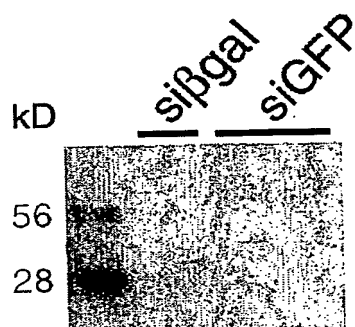
*Fig. 1A**Fig. 1B*



*Fig. 1C*



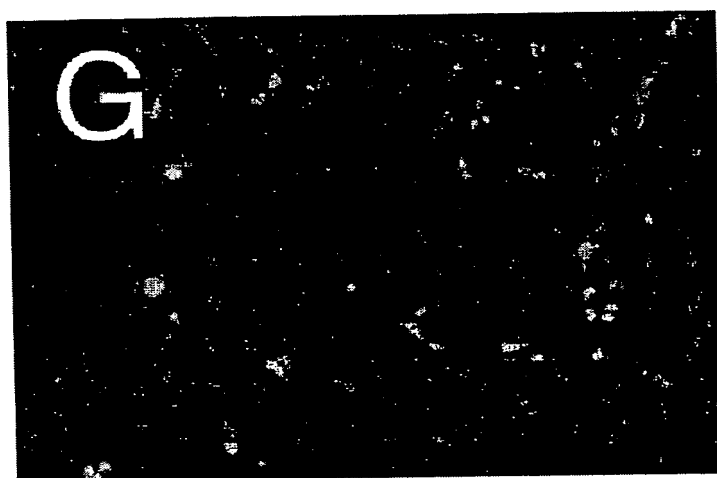
*Fig. 1D*



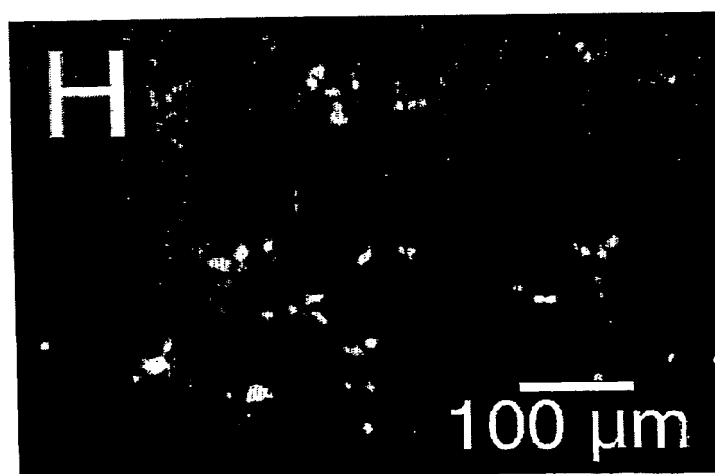
*Fig. 1E*

siGFP   siβgluc

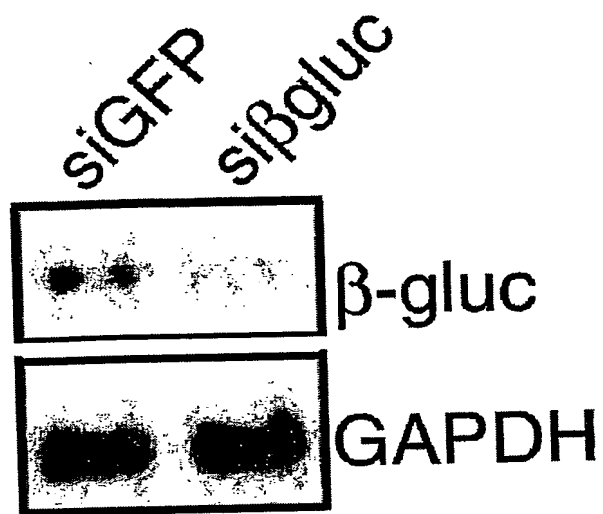
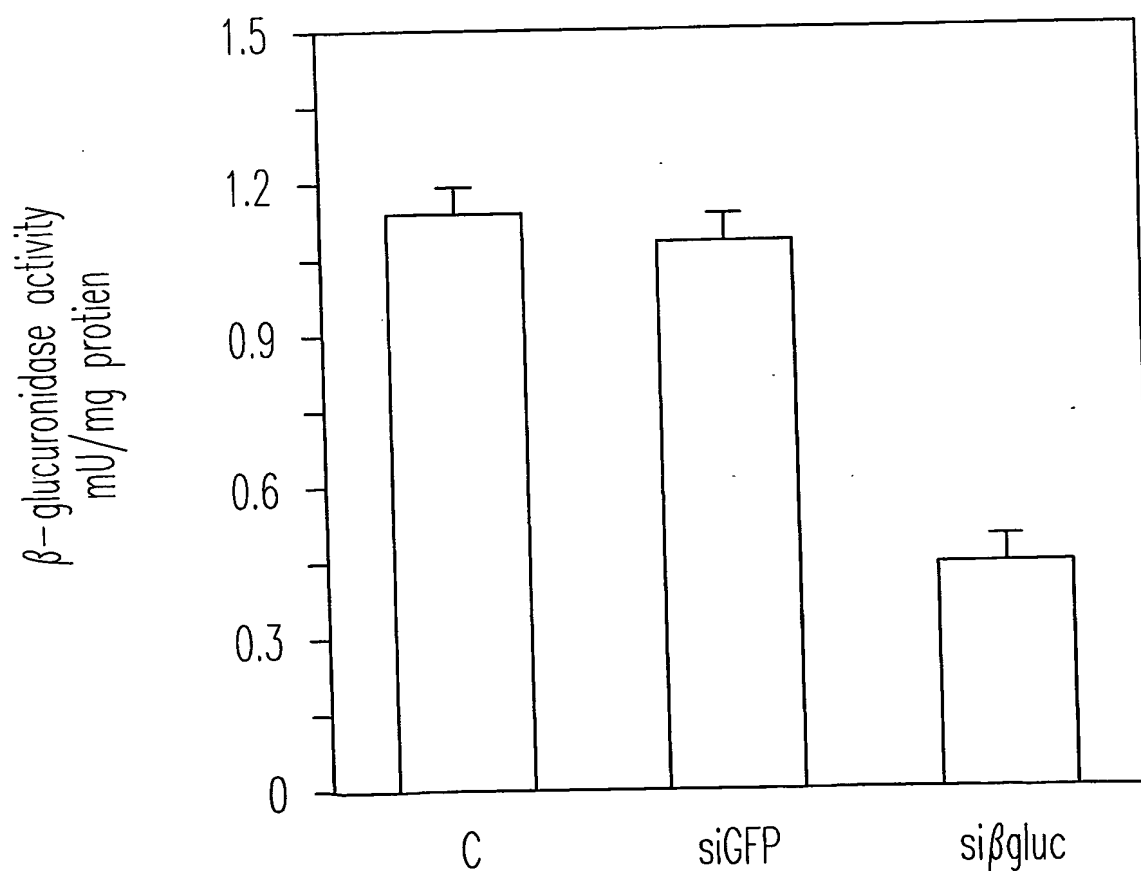
*Fig. 1F*

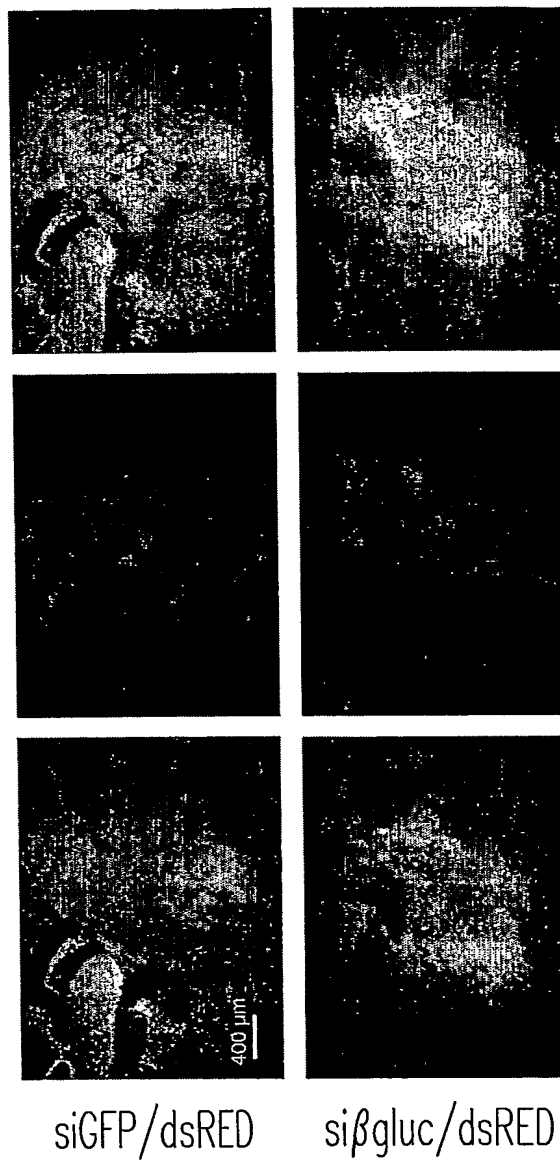


*Fig. 1G*

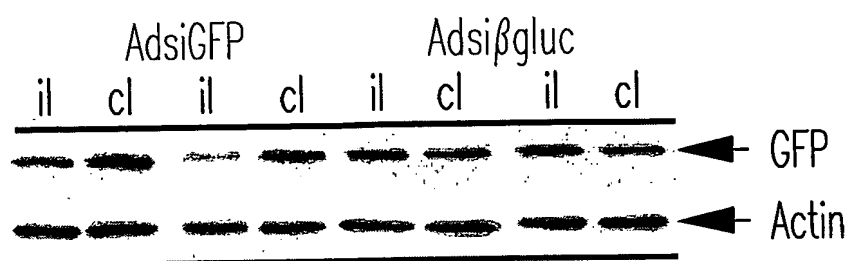
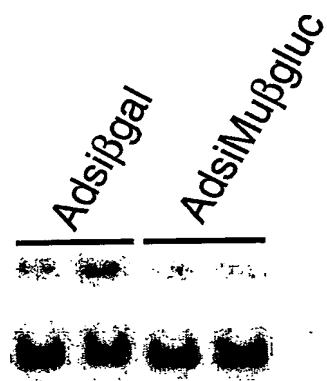


*Fig. 1H*

*Fig. 1I**Fig. 1J*



*Fig. 2A*

*Fig. 2B**Fig. 2C*

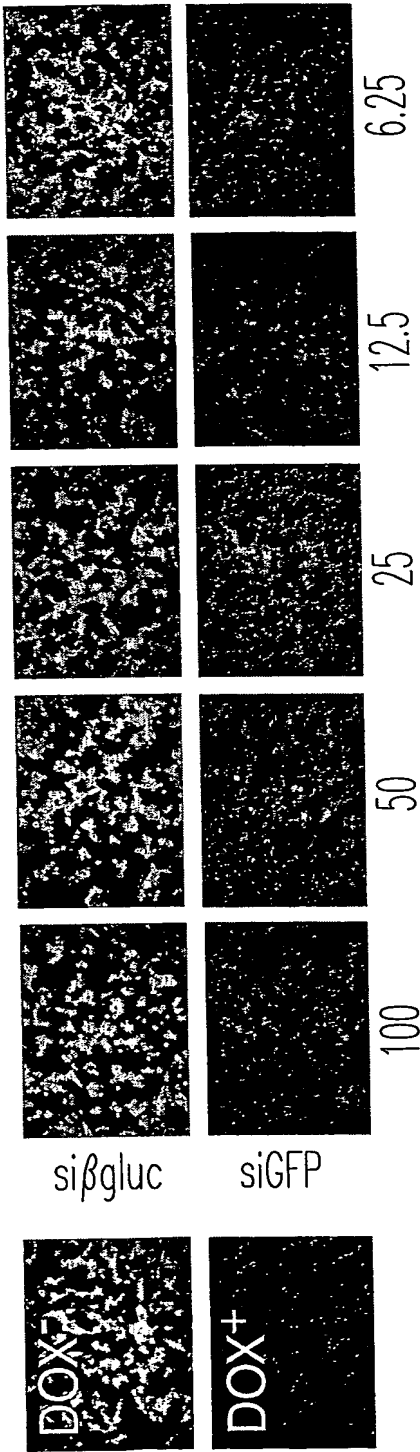
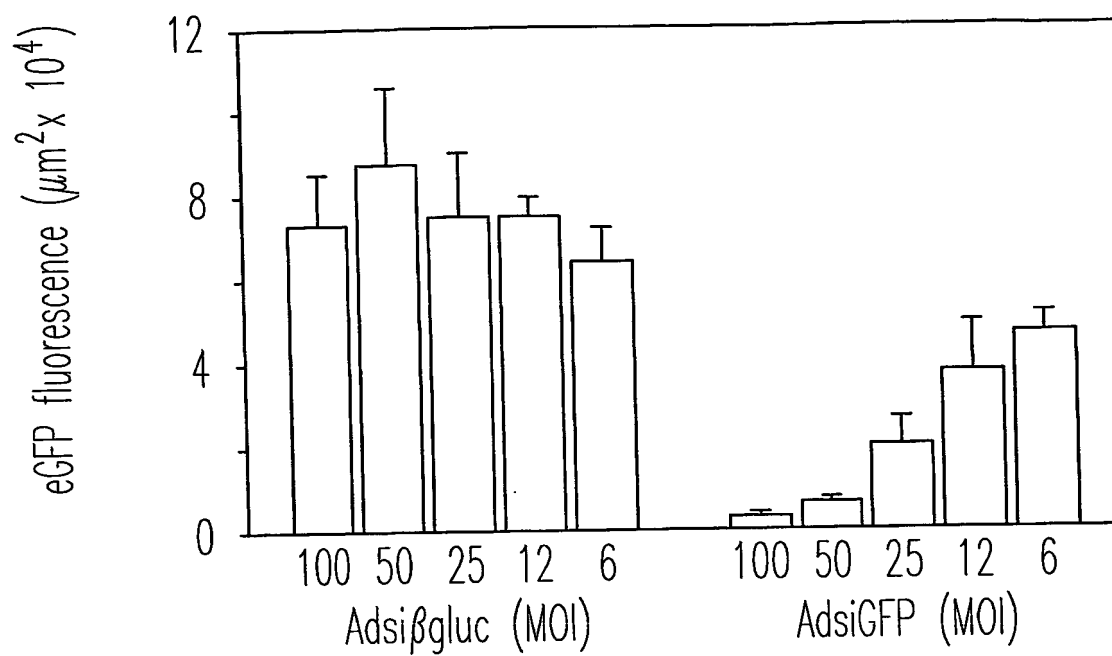


Fig. 3A

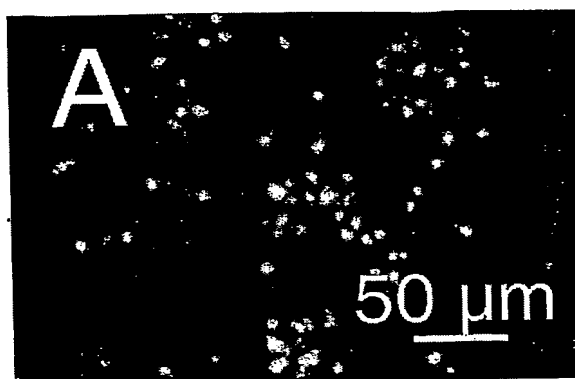


Fig. 3B

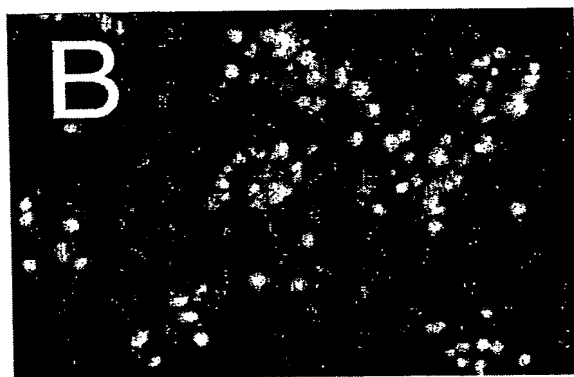
Fig. 3C

*Fig. 3D*

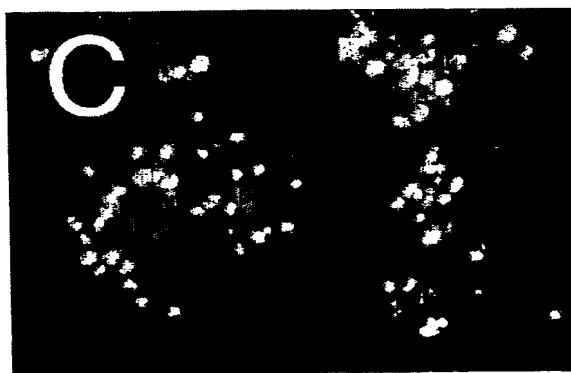




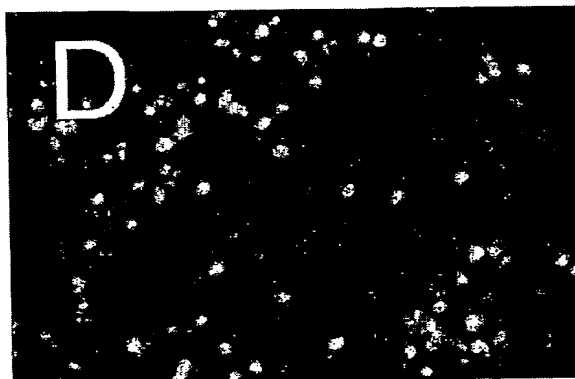
*Fig. 4A*



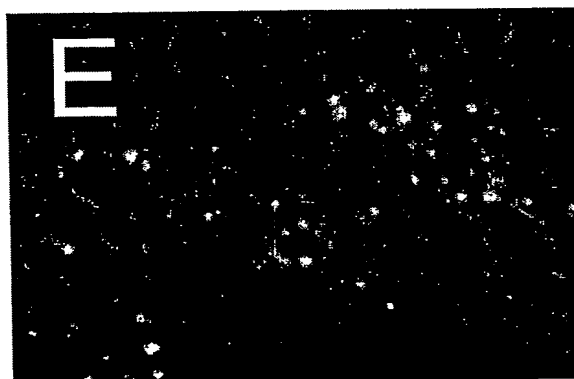
*Fig. 4B*



*Fig. 4C*



*Fig. 4D*



*Fig. 4E*

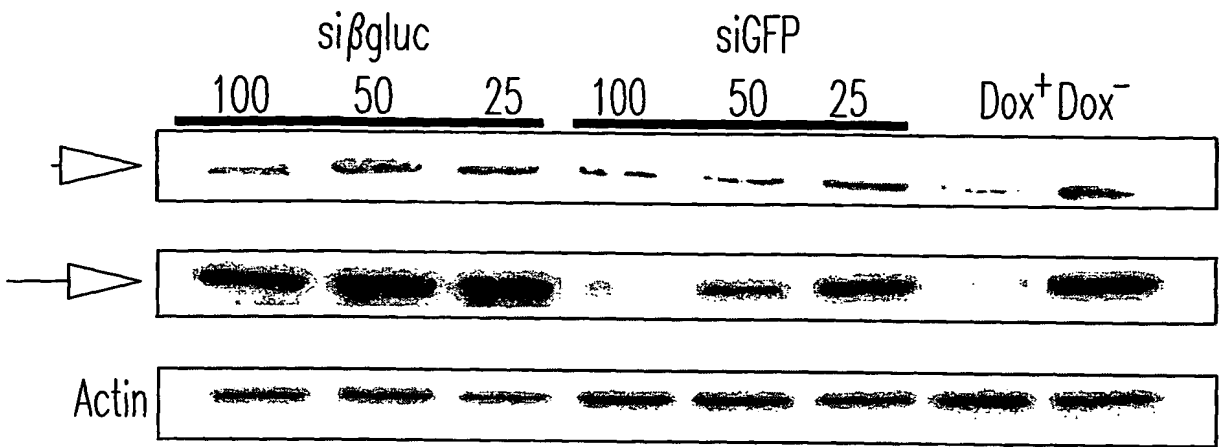


Fig. 4F

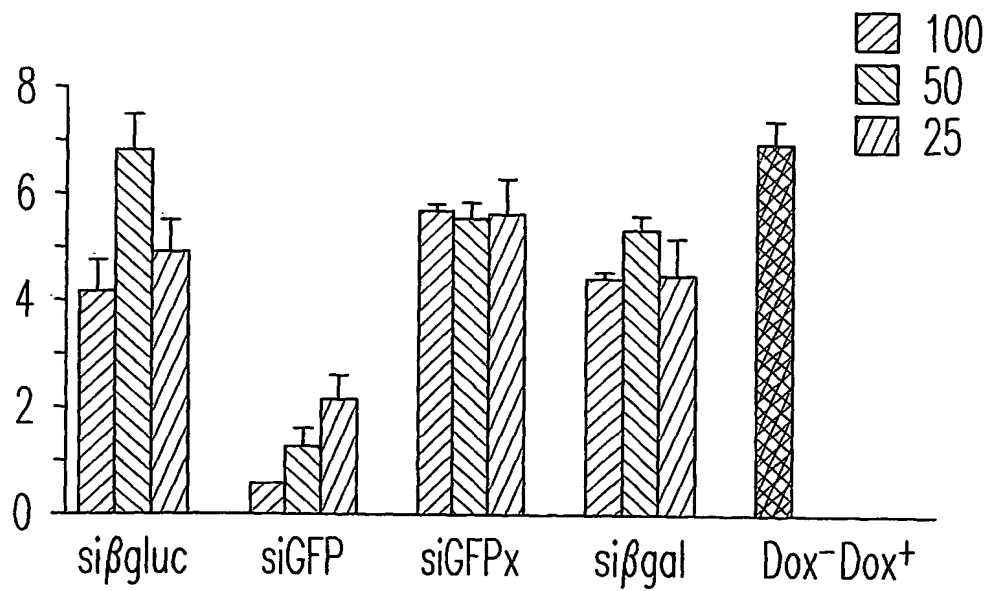


Fig. 4G

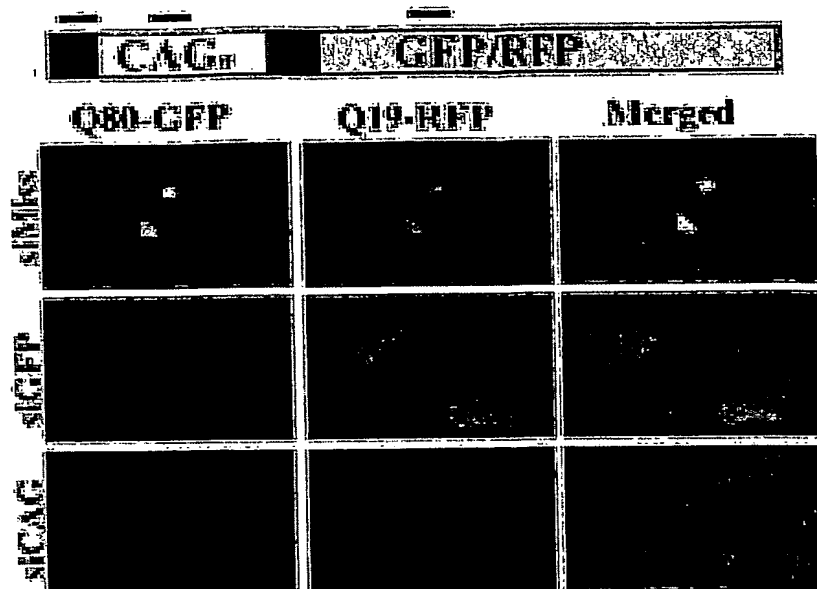


FIG. 5A

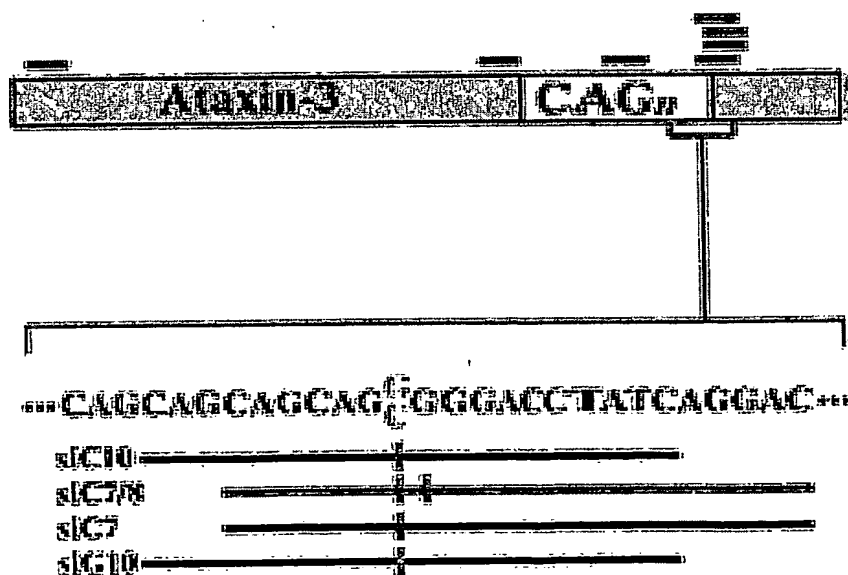


FIG. 5B

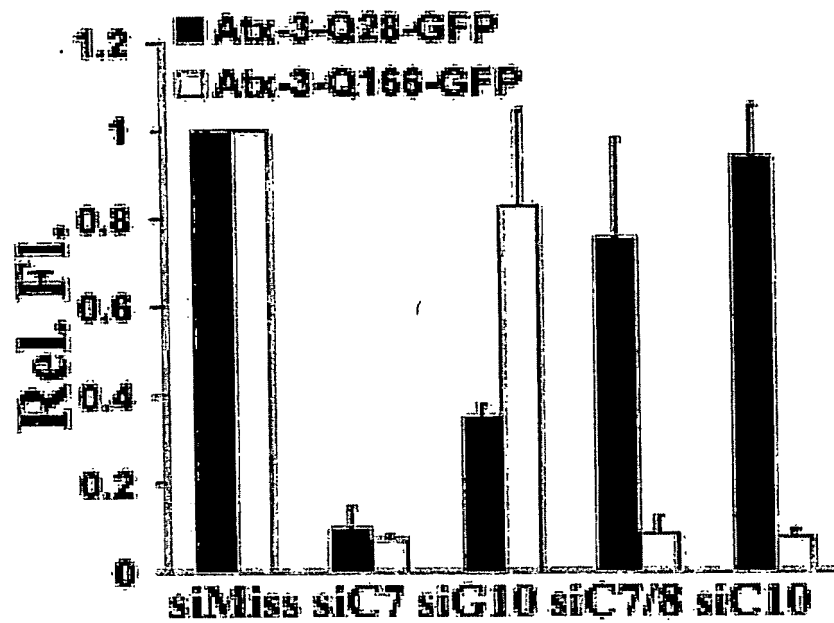


FIG. 5C

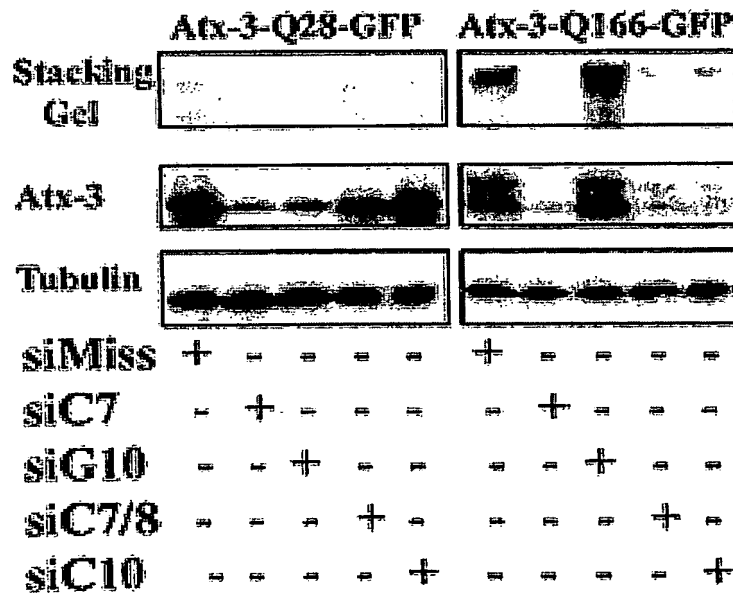


FIG. 5D

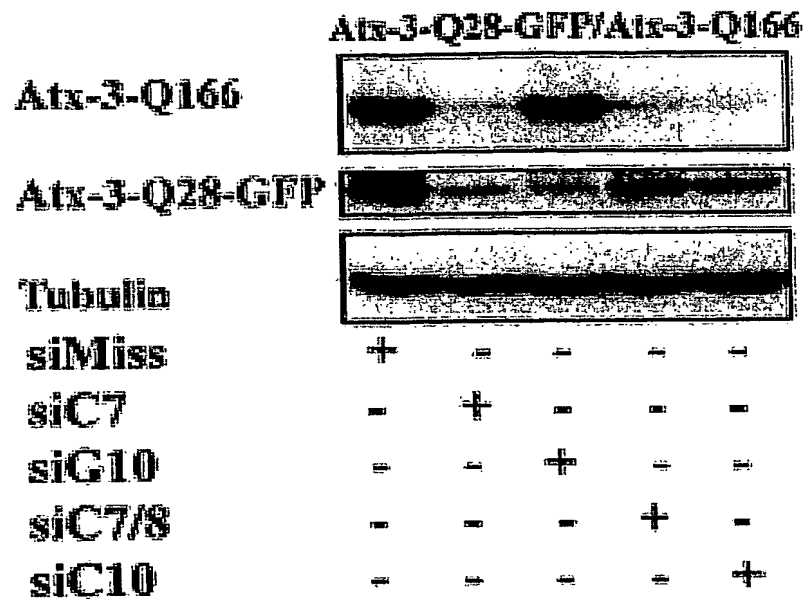


FIG. 5E

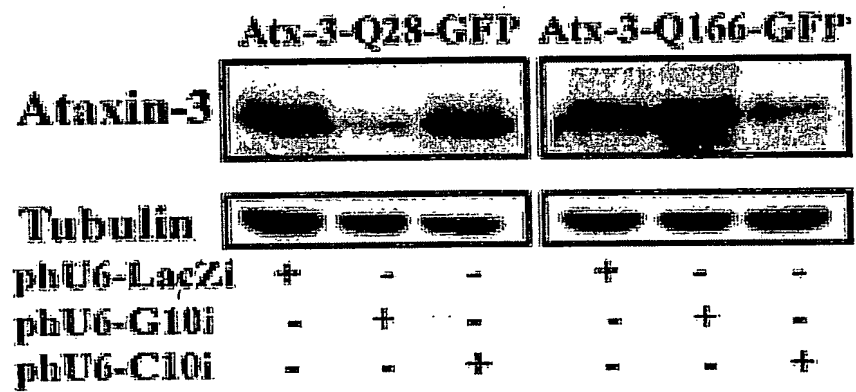


FIG. 5F

Ataxin-3		Tau	
NAME	Primer Sequence (5'-3')	NAME	Primer Sequence (5'-3')
siMiss	CGGCAAGCTGCGCATGAAGTTCT (SEQ ID NO: 11) ATGAACTTCATGCTCAGCTTGC (SEQ ID NO: 12)	siN'-Tau	TCGAAGTGATGGAAGATCACGC (SEQ ID NO: 27) CAGCGTGATCTTCCATCACTTC (SEQ ID NO: 28)
siGFP	ATGAACTTCAGGGTCAGCTTGC (SEQ ID NO: 13) CGGCAAGCTGACCCTGAAGTTCT (SEQ ID NO: 14)	si272	CAGCCGGGAGTCGGGAAGGTGC (SEQ ID NO: 29) CTGCACCTTCCCGACTCCCGGC (SEQ ID NO: 30)
siC7	CAGCAGCGGGACCTATCAGGAC (SEQ ID NO: 15) CTGTCTGATAGGTCCCGCTGC (SEQ ID NO: 16)	si301	ACGTCTCTCGGCGGCGGCAGTGTGC (SEQ ID NO: 31) TTGCACACTGCCGCCTCCGCGGAC (SEQ ID NO: 32)
siG10	CAGCAGCAGGGGACCTATC (SEQ ID NO: 17) CTGATAGGTCCCCCTGCTGC (SEQ ID NO: 18)	si406	ACGTCTCCATGGCATCTCAGC (SEQ ID NO: 33) TTGCTGAGATGCCATGGAGAC (SEQ ID NO: 34)
siC7/8	CAGCAGCCGGACCTATCAGGAC (SEQ ID NO: 19) CTGTCTGATAGGTCCGCTGC (SEQ ID NO: 20)	siA9	GTGGCCAGATGGAAGTAAAATC (SEQ ID NO: 35) CAGATTTTACTTCCATCTGGCC (SEQ ID NO: 36)
siC10	CAGCAGCAGCGGGACCTATC (SEQ ID NO: 21) CTGATAGGTCCCGCTGCTGC (SEQ ID NO: 22)	siA9/C8	GTGGCCACATGGAAGTAAAATC (SEQ ID NO: 37) CAGATTTTACTTCCATGTGGCC (SEQ ID NO: 38)
siN' CAG	TTGAAAAACAGCAGCAAAAGC (SEQ ID NO: 23) CTGCTTTTGCTGCTGTTTTTC (SEQ ID NO: 24)	siA9/C12	GTGGCCAGATGCAAGTAAAATC (SEQ ID NO: 39) CAGATTTTACTTGCATCTGGCC (SEQ ID NO: 40)
siCAG	CAGCAGCAGCAGCAGCAGCAGC (SEQ ID NO: 25) CTGCTGCTGCTGCTGCTGCTGC (SEQ ID NO: 26)		

FIG. 6

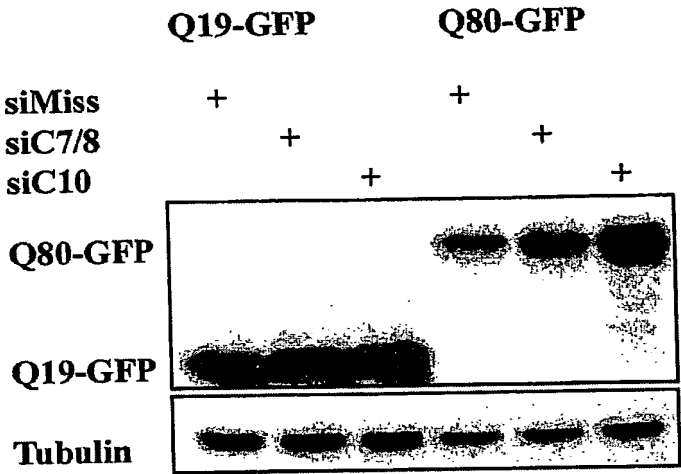


FIG. 7A

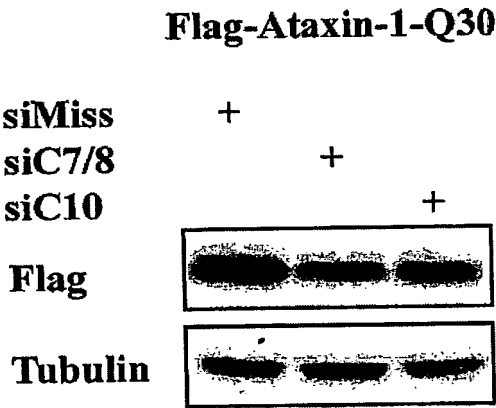


FIG. 7B



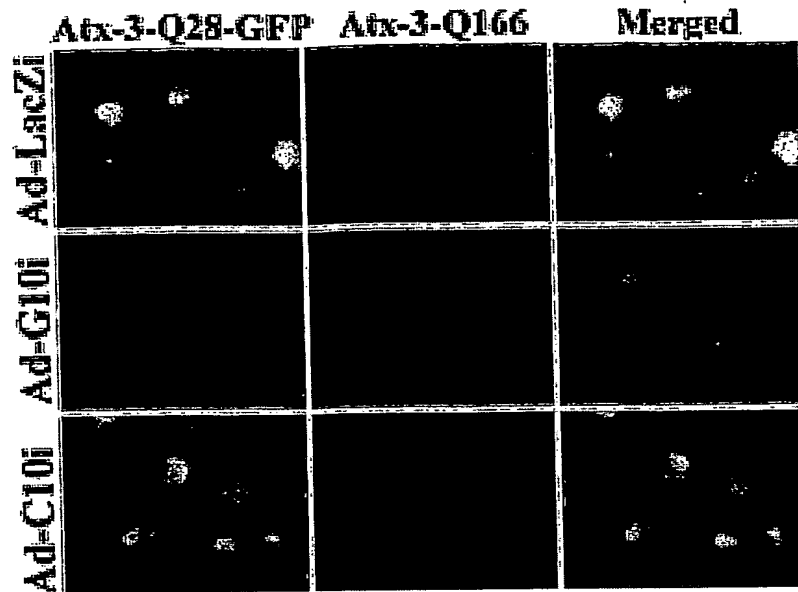


FIG. 8A

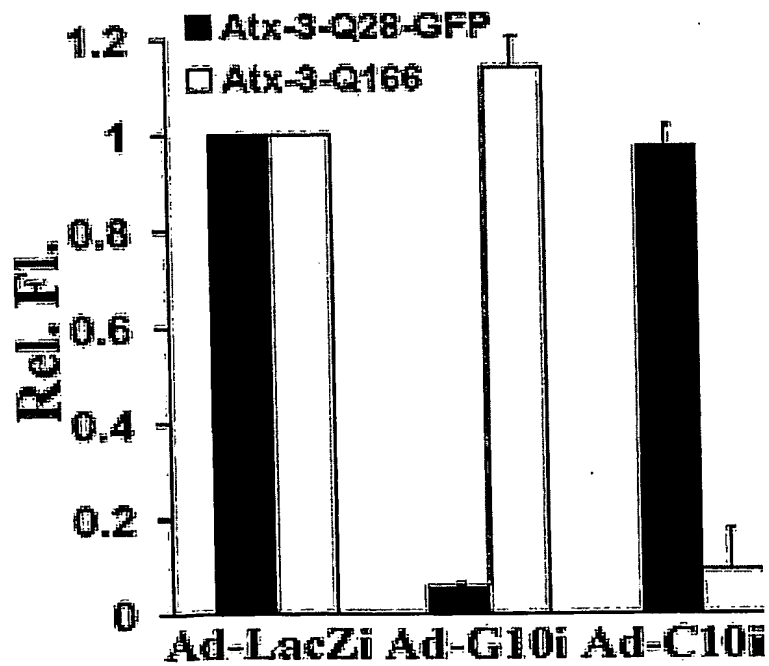


FIG. 8B

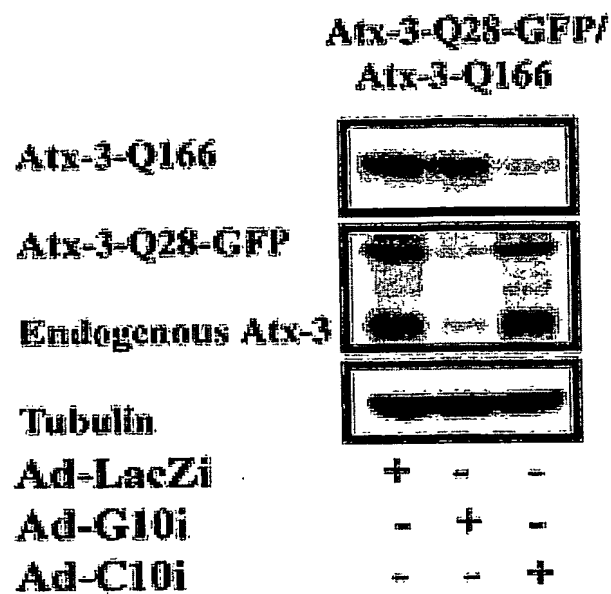


FIG. 8C

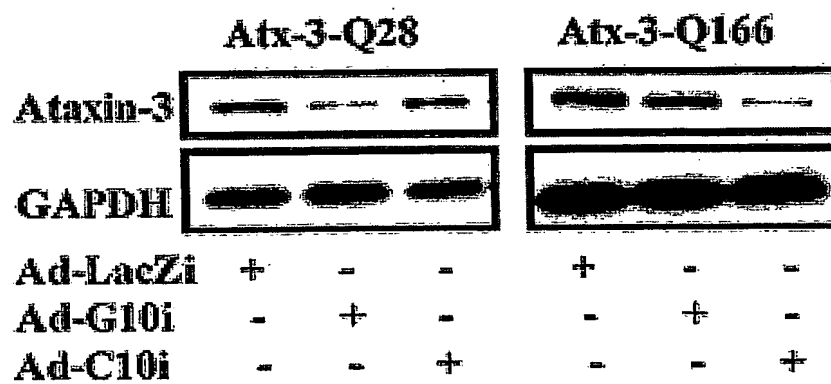


FIG. 8D

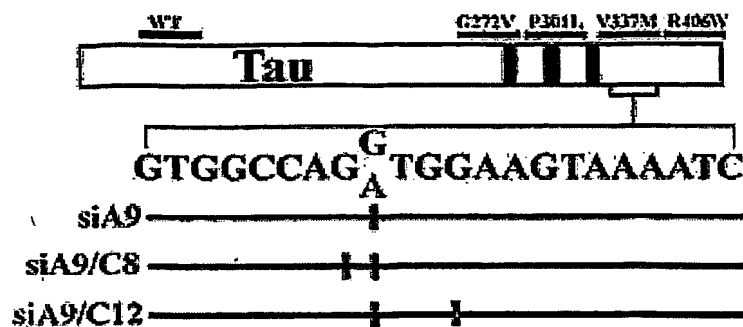


FIG. 9A

	WT				V337M			
<b>Tau</b>								
<b>Tubulin</b>								
siMiss	+	-	+	-	+	-	+	-
siA9/C12	-	+	-	+	-	+	-	+
siA9/C8	-	-	-	-	-	+	-	+
siA9	-	-	-	-	-	-	+	+

FIG. 9B

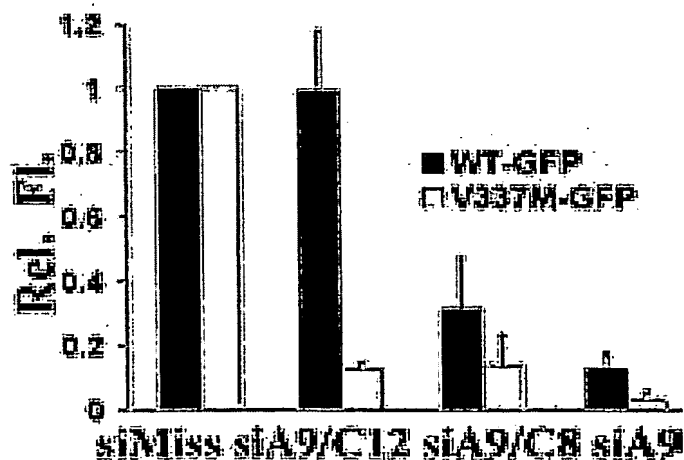


FIG. 9C

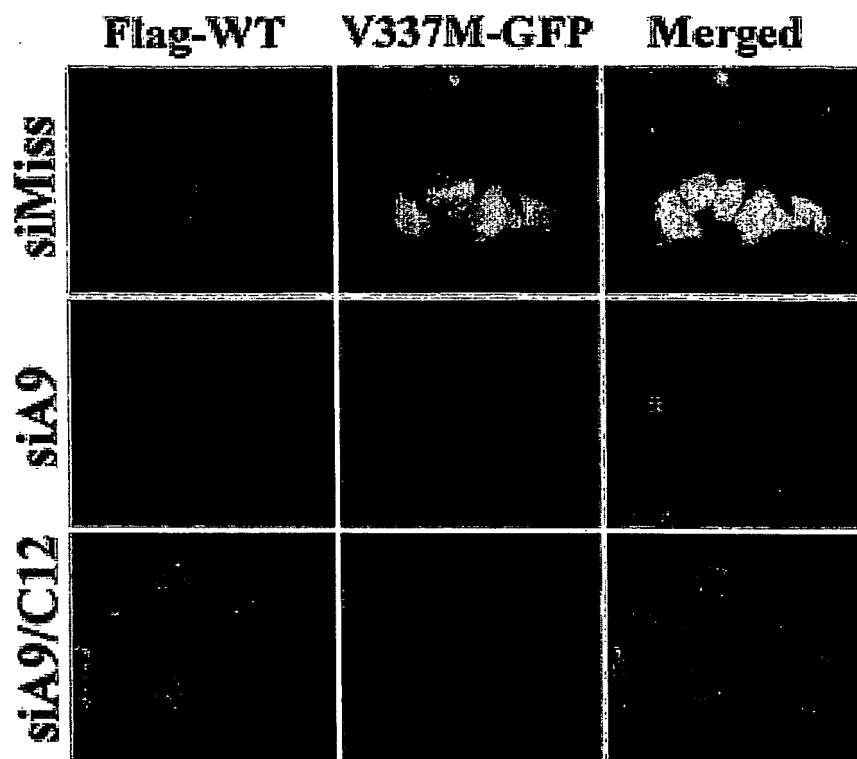


FIG. 10A

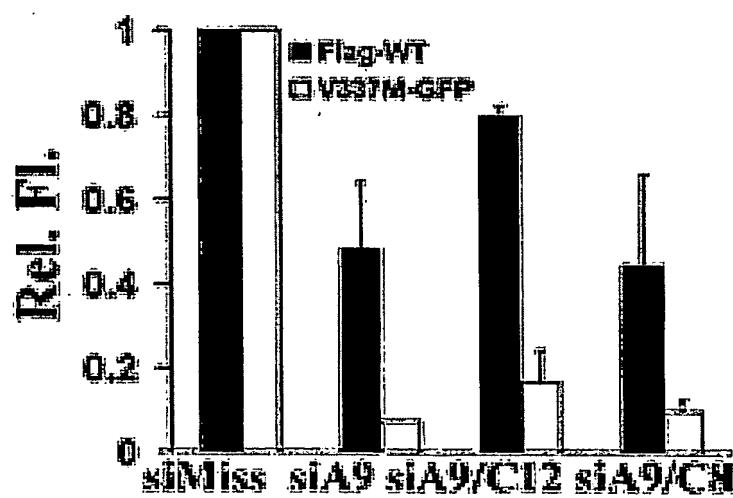


FIG. 10B

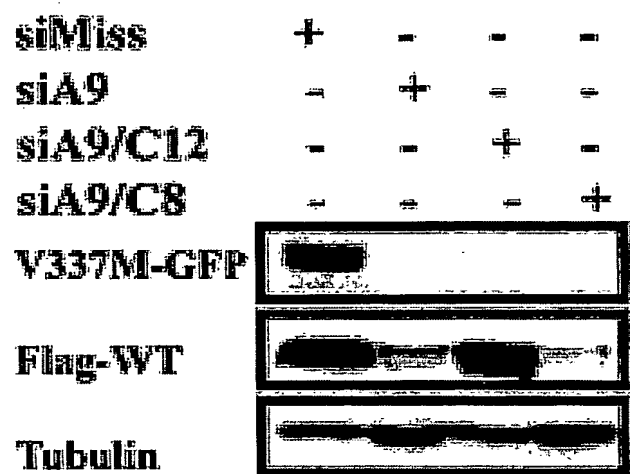


FIG. 10C

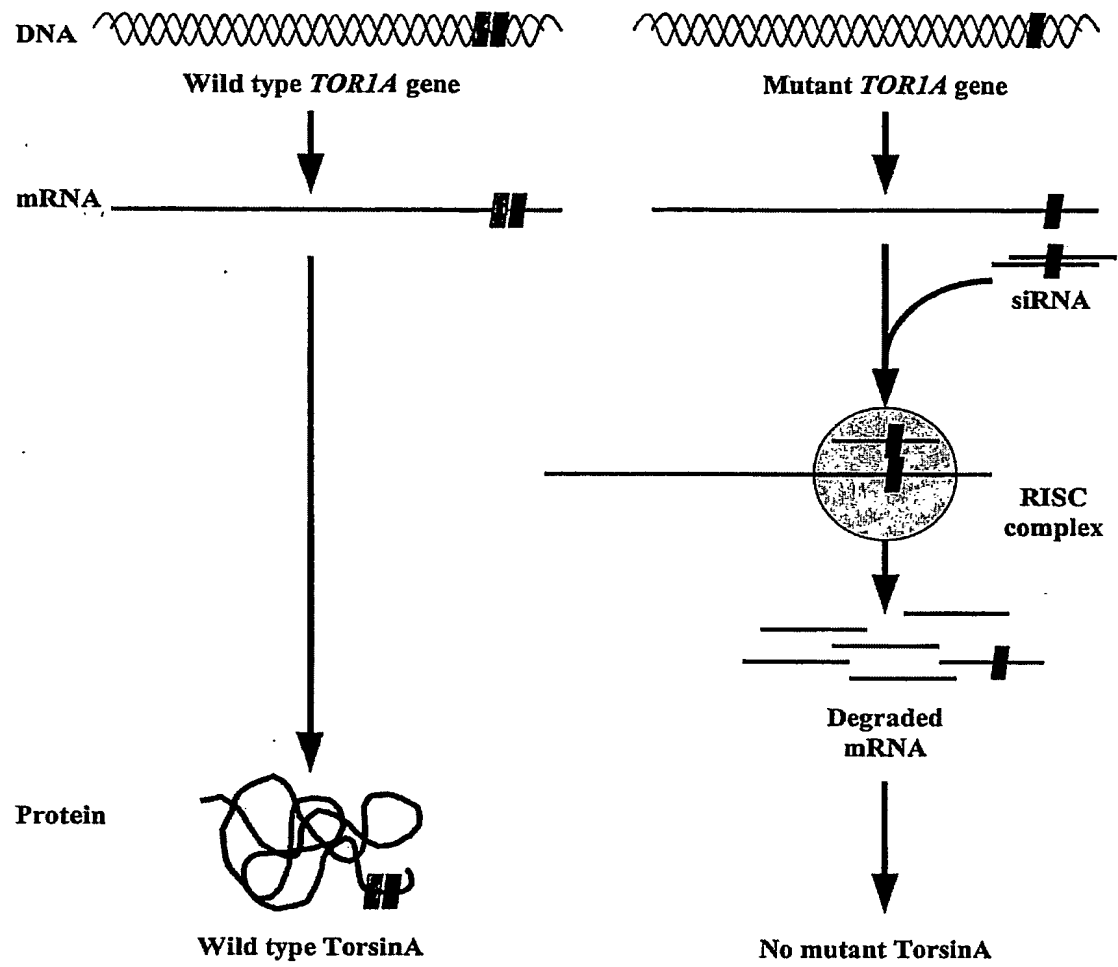


FIG. 11

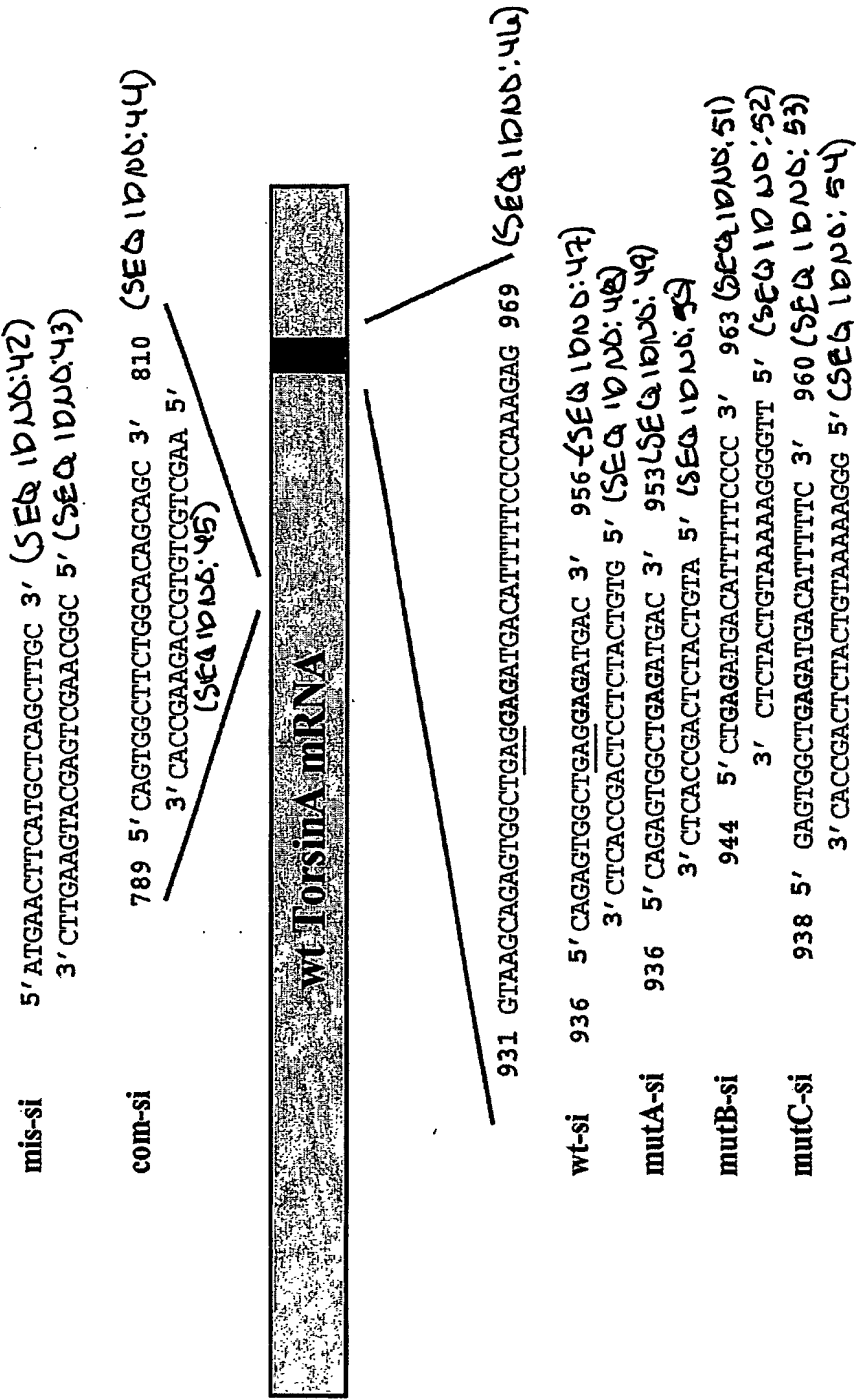


FIG. 12

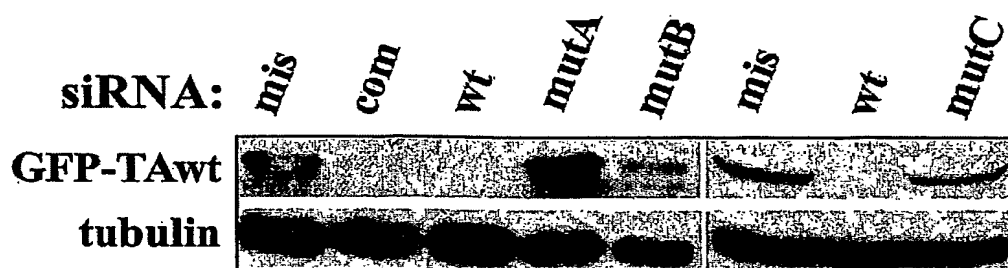


FIG. 13A

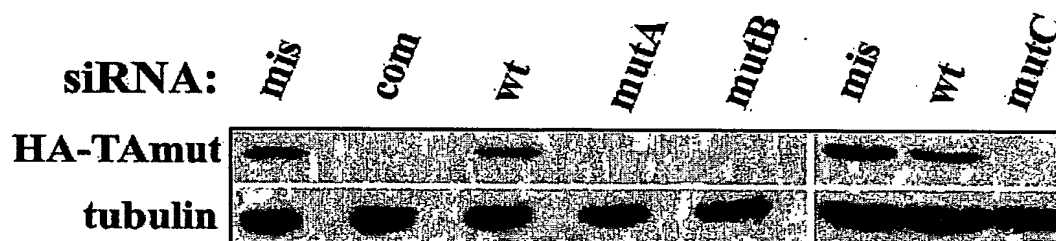


FIG. 13B

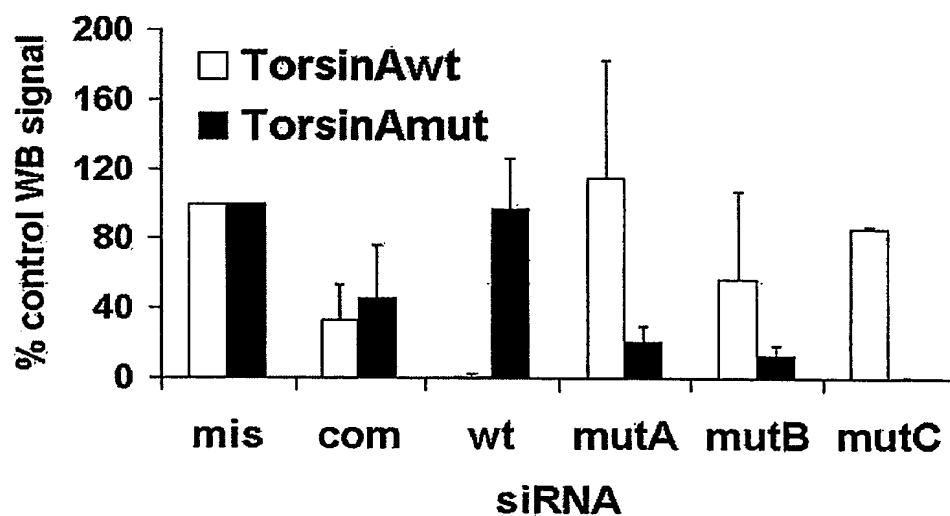


FIG. 13C



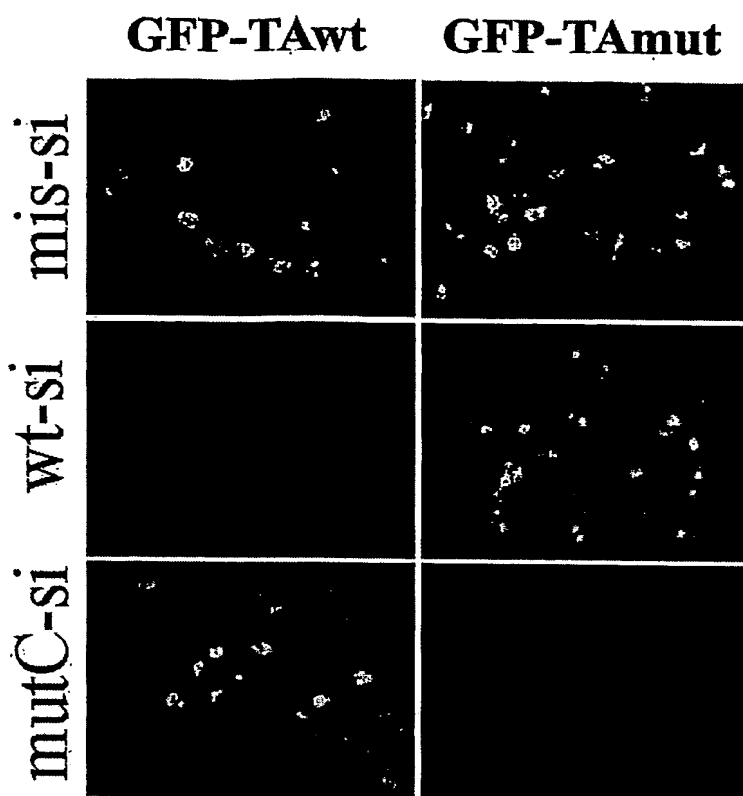


FIG. 13D

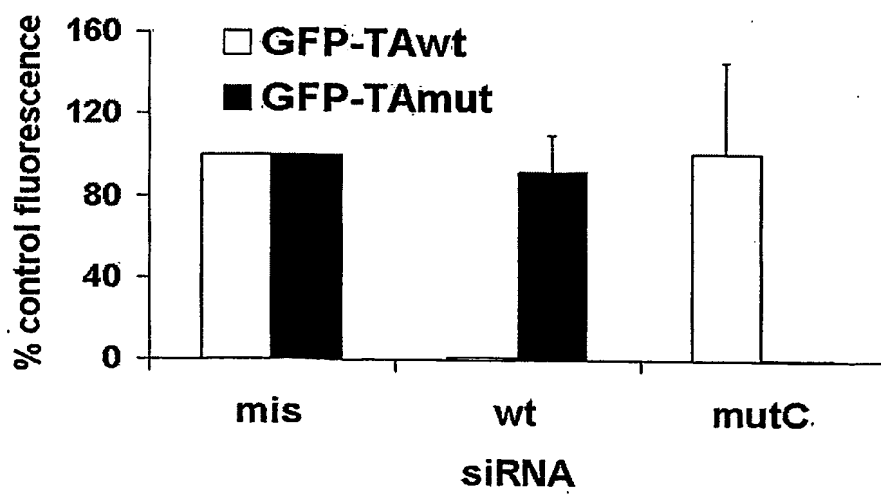


FIG. 13E

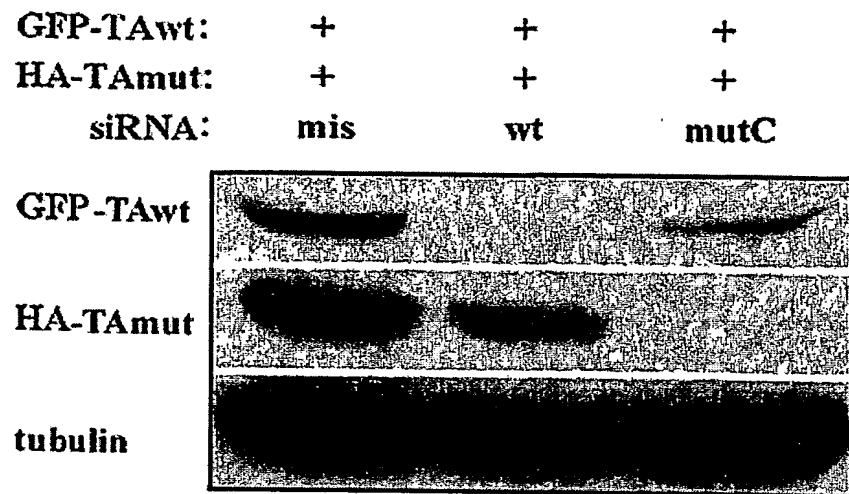


FIG. 14A

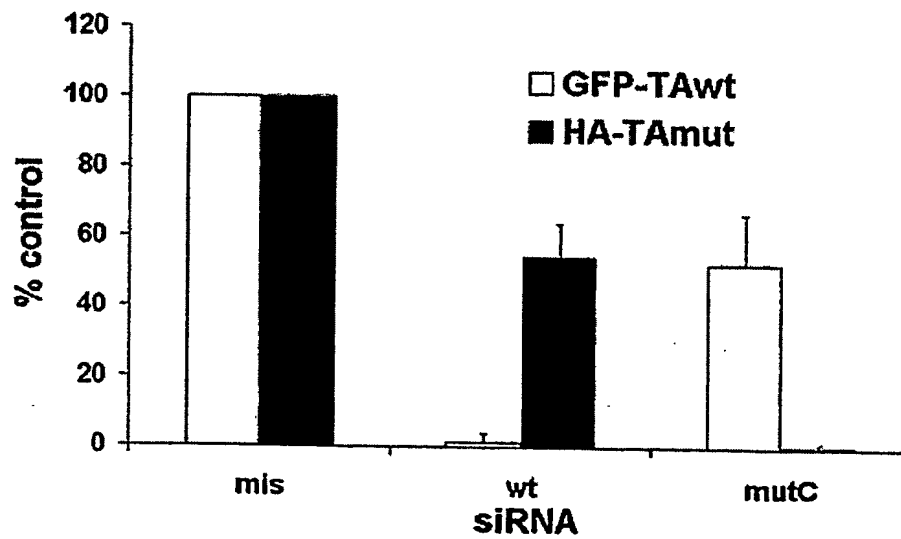


FIG. 14B

Ex2	siEx58	siEx58	
siHD	#1	#2	siGFP



Figure 15

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